IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CUSTOMER NO. 22927

Applicants: Tedesco *et al.*
Application No.:   10/787,283
Filed: February 26, 2004
Title: IMAGE ANALYSIS METHOD AND APPARATUS IN A
                     NETWORK THAT IS STRUCTURED WITH MULTIPLE
                     LAYERS AND DIFFERENTIALLY WEIGHTED NEURONS

Attorney Docket No.: 02-100B

Group Art Unit: 2129
Examiner: Peter D. Coughlan

AMENDMENT AND RESPONSE
to the Non-final Office Action mailed on June 29, 2007

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner:

In response to the Non-final Office Action mailed on June 29, 2007 as Part of Paper No./Mail Date 06252007 (hereinafter the "Office Action"), please enter the following amendments and consider the following remarks.

Following is a detailed listing of all claims that are, or were, in the application. A status identifier is provided for every claim and the current text of every claim is presented, unless the claim has been cancelled or not entered. Current amendments to the claims are expressed in the detailed listing by strikethrough or double brackets (for deleted matter) or underlining (for added matter).

1